

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1698	548/253;544/277;514/263.21,382.ccls.	USPAT; DERWENT	OR	ON	2007/06/07 11:08
L2	2294	548/253;544/277;514/263.21,382.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/07 11:08
L3	367	l2 and furan	US-PGPUB; USPAT	OR	ON	2007/06/07 11:09
L4	291	l3 and (tetrazole or purine)	US-PGPUB; USPAT	OR	ON	2007/06/07 11:11
L5	64	l4 and (protein with kinase)	US-PGPUB; USPAT	OR	ON	2007/06/07 11:12
S1	2	"6534486".pn.	USPAT; DERWENT	OR	ON	2007/06/07 11:07
S2	2	"4838573".pn.	USPAT; DERWENT	OR	ON	2007/05/22 13:36
S3	2	"4838673".pn.	USPAT; DERWENT	OR	ON	2007/05/22 13:36

Application No: 10/526,388

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptabfl626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3 JAN 16 CA/CAPplus Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAPplus updated with revised CAS roles
NEWS 7 JAN 22 CA/CAPplus enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in
multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000
to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 24 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 26 APR 30 CA/CAPplus enhanced with 1870-1889 U.S. patent records
NEWS 27 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 28 MAY 01 New CAS web site launched
NEWS 29 MAY 08 CA/CAPplus Indian patent publication number format defined
NEWS 30 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display
fields
NEWS 31 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 32 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 33 MAY 21 CA/CAPplus enhanced with additional kind codes for German
patents
NEWS 34 MAY 22 CA/CAPplus enhanced with IPC reclassification in Japanese
patents

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

Application No: 10/526,388

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS IPC8 For general information regarding STN implementation of IPC 8

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:13:27 ON 22 MAY 2007

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:13:46 ON 22 MAY 2007

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STRUCTURE FILE UPDATES: 21 MAY 2007 HIGHEST RN 935505-97-8

DICTIONARY FILE UPDATES: 21 MAY 2007 HIGHEST RN 935505-97-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10526388\a.str



chain nodes :

6 7 13 19 20 21 22 23 32

ring nodes :

1 2 3 4 5 8 9 10 11 12 14 15 16 17 18 24 25 26 27 28

chain bonds :

2-8 3-7 4-6 5-32 13-14 13-19 20-21 21-22 22-23 23-24

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-12 9-10 10-11 11-12 14-15 14-18 15-16 16-17
17-18 24-25 24-28 25-26 26-27 27-28

exact/norm bonds :

1-2 1-5 2-3 2-8 3-4 3-7 4-5 4-6 5-32 8-9 8-12 9-10 10-11 11-12 13-14
14-15 14-18 15-16 16-17 17-18 21-22 22-23 24-25 24-28 25-26 26-27 27-28

exact bonds :

13-19 20-21 23-24

G1:[*1],[*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom
32:CLASS

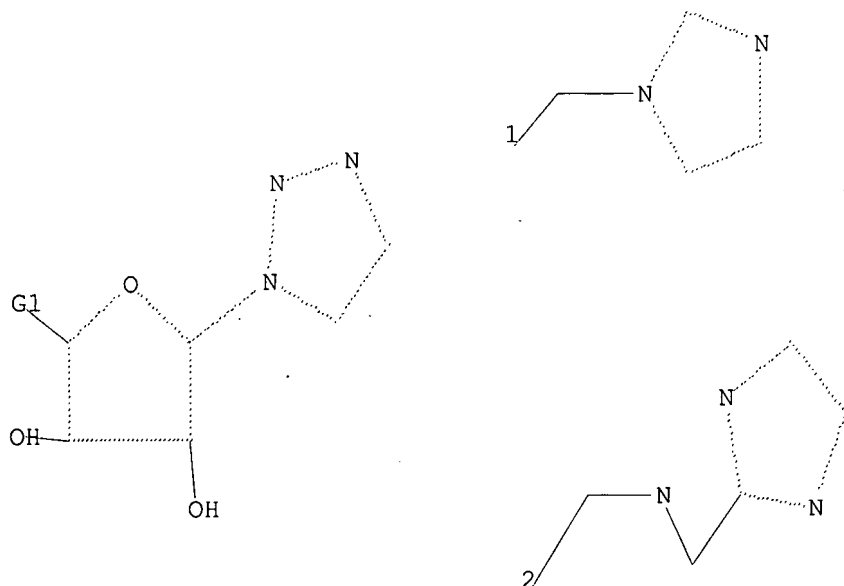
L1 STRUCTURE UPLOADED

Application No: 10/526,388

=> d

L1 HAS NO ANSWERS

L1 STR



G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:14:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 12:14:21 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

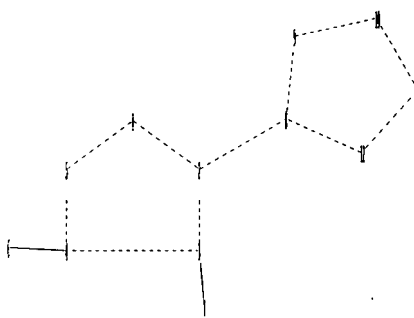
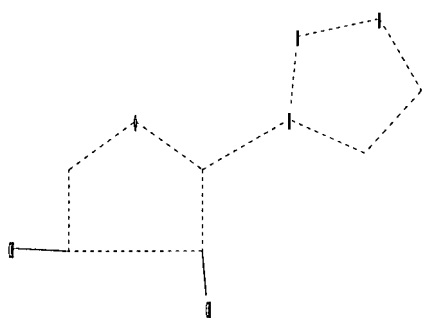
0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10526388\A2.str



chain nodes :

6 7

ring nodes :

1 2 3 4 5 8 9 10 11 12

chain bonds :

2-8 3-7 4-6

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-12 9-10 10-11 11-12

exact/norm bonds :

1-2 1-5 2-3 2-8 3-4 3-7 4-5 4-6 8-9 8-12 9-10 10-11 11-12

G1

Match level :

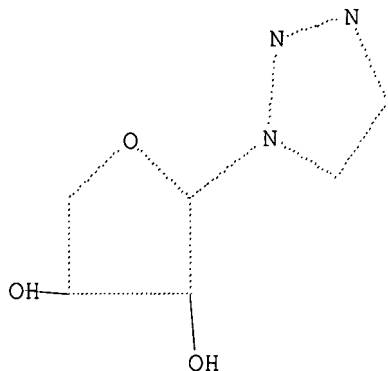
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



G1

Structure attributes must be viewed using STN Express query preparation.

Application No: 10/526,388

=> s 14

SAMPLE SEARCH INITIATED 12:15:12 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 93 TO ITERATE

100.0% PROCESSED 93 ITERATIONS

24 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1282 TO 2438

PROJECTED ANSWERS: 187 TO 773

L5 24 SEA SSS SAM L4

=>

Uploading C:\Program Files\Stnexp\Queries\10526388\a3.str



chain nodes :

6 7 13 19 20 21 28

ring nodes :

1 2 3 4 5 8 9 10 11 12 14 15 16 17 18 22 23 24 25 26

chain bonds :

2-8 3-7 4-6 5-28 13-14 19-20 20-21 21-22

Application No: 10/526,388

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-12 9-10 10-11 11-12 14-15 14-18 15-16 16-17
17-18 22-23 22-26 23-24 24-25 25-26

exact/norm bonds :

1-2 1-5 2-3 2-8 3-4 3-7 4-5 4-6 5-28 8-9 8-12 9-10 10-11 11-12 13-14
14-15 14-18 15-16 16-17 17-18 19-20 20-21 22-23 22-26 23-24 24-25 25-26

exact bonds :

21-22

G1:[*1],[*2]

Match level :

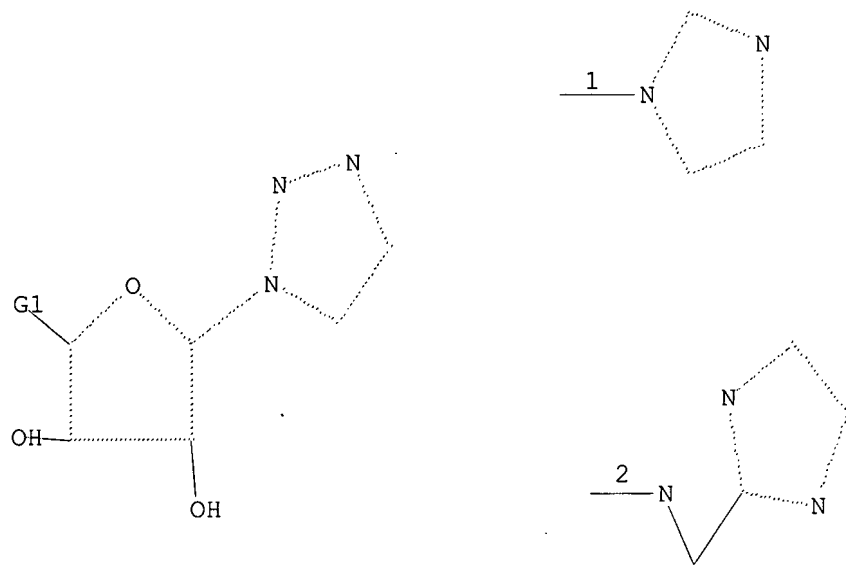
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 28:CLASS

L6 STRUCTURE UPLOADED

=> d

L6 HAS NO ANSWERS

L6 STR



G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s 16

SAMPLE SEARCH INITIATED 12:17:22 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS

8 ANSWERS

SEARCH TIME: 00.00.01

Searched by: Andrew Freistein

06/07/2007 Page 7

Application No: 10/526,388

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 9 TO 360
PROJECTED ANSWERS: 8 TO 329

L7 8 SEA SSS SAM L6

=> s l6 full
FULL SEARCH INITIATED 12:17:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 188 TO ITERATE

100.0% PROCESSED 188 ITERATIONS 179 ANSWERS
SEARCH TIME: 00.00.01

L8 179 SEA SSS FUL L6

=> file zcaplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 346.45 346.66

FILE 'ZCAPLUS' ENTERED AT 12:17:40 ON 22 MAY 2007
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FILE COVERS 1907 - 22 May 2007 VOL 146 ISS 22
FILE LAST UPDATED: 21 May 2007 (20070521/ED)

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=> s l8
L9 1 L8

=> d ibib

L9 ANSWER 1 OF 1 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:220344 ZCAPLUS
DOCUMENT NUMBER: 140:253815
TITLE: Preparation of nucleoside analogs as protein kinase inhibitors
INVENTOR(S): Meutermans, Wim; Schafer, Karl; West, Michael Leo; Muldoon, Craig; Foley, Fiona; Boulloc, Natalie; Tometzki, Gerald
PATENT ASSIGNEE(S): Alchemia Pty Ltd, Australia

Application No: 10/526,388

SOURCE: PCT Int. Appl., 132 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022572	A1	20040318	WO 2003-AU1146	20030905
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003257259	A1	20040329	AU 2003-257259	20030905
EP 1546167	A1	20050629	EP 2003-793479	20030905
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1678619	A	20051005	CN 2003-821011	20030905
JP 2006503020	T	20060126	JP 2004-533061	20030905
US 2005209176	A1	20050922	US 2005-526388	20050602
PRIORITY APPLN. INFO.:			AU 2002-951247	A 20020906
			EP 2002-951247	A 20020906
			WO 2003-AU1146	W 20030905
OTHER SOURCE(S):	MARPAT 140:253815			
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

=> file reg

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
1.24	347.90

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:18:10 ON 22 MAY 2007
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DICTIONARY FILE UPDATES: 21 MAY 2007 HIGHEST RN 935505-97-8

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of

Application No: 10/526,388

experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s l4 full

FULL SEARCH INITIATED 12:18:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1647 TO ITERATE

100.0% PROCESSED 1647 ITERATIONS

567 ANSWERS

SEARCH TIME: 00.00.01

L10 567 SEA SSS FUL L4

=> file zcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.10

520.00

FILE 'ZCAPLUS' ENTERED AT 12:18:34 ON 22 MAY 2007

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FILE COVERS 1907 - 22 May 2007 VOL 146 ISS 22

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=> s l10

L11 345 L10

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.18

520.18

FILE 'REGISTRY' ENTERED AT 12:20:31 ON 22 MAY 2007

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STRUCTURE FILE UPDATES: 21 MAY 2007 HIGHEST RN 935505-97-8

Searched by: Andrew Freistein

06/07/2007 Page 10

Application No: 10/526,388

DICTIONARY FILE UPDATES: 21 MAY 2007 HIGHEST RN 935505-97-8

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TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

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conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10526388\a4.str



chain nodes :

6 7 13 19 20 21 28 35

ring nodes :

1 2 3 4 5 8 9 10 11 12 14 15 16 17 18 22 23 24 25 26 31 32 33
34

chain bonds :

Application No: 10/526,388

2-8 3-7 4-6 5-28 13-14 19-20 20-21 21-22 31-35

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-12 9-10 10-11 11-12 11-31 12-34 14-15 14-18
15-16 16-17 17-18 22-23 22-26 23-24 24-25 25-26 31-32 32-33 33-34

exact/norm bonds :

1-2 1-5 2-3 2-8 3-4 3-7 4-5 4-6 5-28 8-9 8-12 9-10 10-11 11-12 11-31
12-34 13-14 14-15 14-18 15-16 16-17 17-18 19-20 20-21 22-23 22-26 23-24
24-25 25-26 31-32 31-35 32-33 33-34

exact bonds :

21-22

G1:[*1],[*2]

Match level :

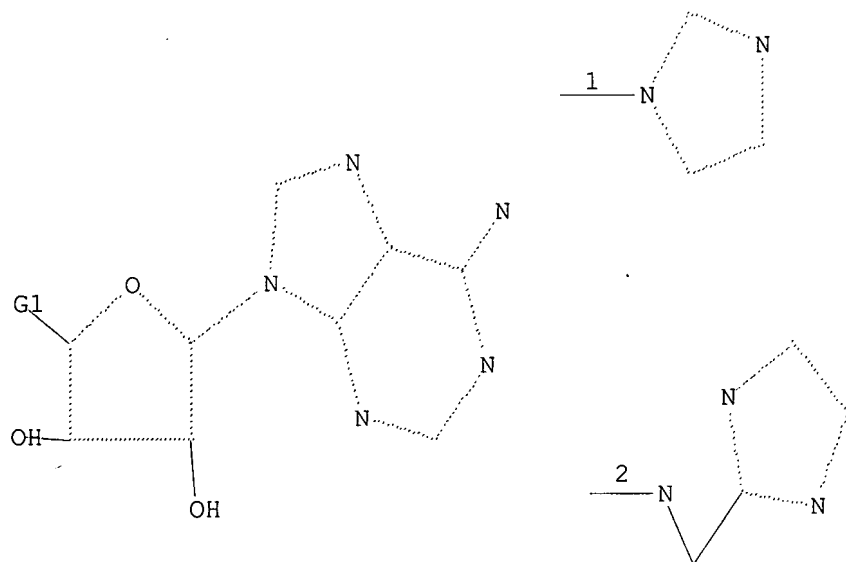
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS 21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 28:CLASS 31:Atom
32:CLASS 33:Atom 34:Atom 35:CLASS

L12 STRUCTURE UPLOADED

=> d

L12 HAS NO ANSWERS

L12 STR



G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

=> s 112

SAMPLE SEARCH INITIATED 12:21:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 7 TO ITERATE

```
100.0% PROCESSED          7 ITERATIONS                      7 ANSWERS
SEARCH TIME: 00.00.01
```

```

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH    **COMPLETE**
PROJECTED ITERATIONS:   7 TO      298
PROJECTED ANSWERS:      7 TO      298

```

L13 7 SEA SSS SAM L12

```
=> s 112 full
FULL SEARCH INITIATED 12:21:19 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      157 TO ITERATE
```

```
100.0% PROCESSED      157 ITERATIONS      108 ANSWERS
SEARCH TIME: 00.00.01
```

L14 108 SEA SSS FUL L12

=> file zcaplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	172.55	692.73

FILE 'ZCAPLUS' ENTERED AT 12:21:25 ON 22 MAY 2007
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FILE COVERS 1907 - 22 May 2007 VOL 146 ISS 22
FILE LAST UPDATED: 21 May 2007 (20070521/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 114
L15 6 L14

=> d ibib 1-6

L15 ANSWER 1 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:365436 ZCAPLUS
DOCUMENT NUMBER: 144:412837
TITLE: Preparation of substituted adenine nucleosides as
antibacterial agents
INVENTOR(S): Cavero-Tomas, Marta; Gowravaram, Madhu; Huynh, Hoan;
Ni, Haihong; Stokes, Suzanne

Application No: 10/526,388

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca Uk Limited
SOURCE: PCT Int. Appl., 180 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006040558	A1	20060420	WO 2005-GB3934	20051013
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
PRIORITY APPLN. INFO.:			US 2004-619218P	P 20041015
			US 2005-663459P	P 20050318
			US 2005-699615P	P 20050715
OTHER SOURCE(S):	MARPAT 144:412837			
REFERENCE COUNT:	11	THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 2 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:220344 ZCAPLUS
DOCUMENT NUMBER: 140:253815
TITLE: Preparation of nucleoside analogs as protein kinase inhibitors
INVENTOR(S): Meutermans, Wim; Schafer, Karl; West, Michael Leo; Muldoon, Craig; Foley, Fiona; Bouloc, Natalie; Tometzki, Gerald
PATENT ASSIGNEE(S): Alchemia Pty Ltd, Australia
SOURCE: PCT Int. Appl., 132 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004022572	A1	20040318	WO 2003-AU1146	20030905
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003257259	A1	20040329	AU 2003-257259	20030905

Application No: 10/526,388

EP 1546167 A1 20050629 EP 2003-793479 20030905
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
CN 1678619 A 20051005 CN 2003-821011 20030905
JP 2006503020 T 20060126 JP 2004-533061 20030905
US 2005209176 A1 20050922 US 2005-526388 20050602
PRIORITY APPLN. INFO.: AU 2002-951247 A 20020906
EP 2002-951247 A 20020906
WO 2003-AU1146 W 20030905
OTHER SOURCE(S): MARPAT 140:253815
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 3 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:819392 ZCAPLUS
DOCUMENT NUMBER: 132:50211
TITLE: Preparation of 2-(purin-9-yl)-tetrahydrofuran-3,4-diol
nucleosides as antiinflammatory agents
INVENTOR(S): Allen, David George; Chan, Chuen; Cook, Caroline Mary;
Cousins, Richard Peter Charles; Cox, Brian; Dyke,
Hazel Joan; Ellis, Frank; Geden, Joanna Victoria;
Hobbs, Heather; Kelling, Suzanne Elaine; Redgrave,
Alison Judith; Swanson, Stephen; Whitworth, Caroline;
Bays, David
PATENT ASSIGNEE(S): Glaxo Group Limited, UK; et al.
SOURCE: PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9967266	A1	19991229	WO 1999-EP4270	19990623
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9946138	A	20000110	AU 1999-46138	19990623
EP 1090021	A1	20010411	EP 1999-929288	19990623
EP 1090021	B1	20030910		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002518513	T	20020625	JP 2000-555917	19990623
AT 249473	T	20030915	AT 1999-929288	19990623
US 6534486	B1	20030318	US 2001-720193	20010228
PRIORITY APPLN. INFO.:			GB 1998-13535	A 19980623
			WO 1999-EP4270	W 19990623
OTHER SOURCE(S):	MARPAT 132:50211			
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L15 ANSWER 4 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:630988 ZCAPLUS

Application No: 10/526,388

DOCUMENT NUMBER: 123:257204
TITLE: Synthesis of "reversed" and "double headed" nucleosides
AUTHOR(S): Kasnar, B.
CORPORATE SOURCE: Department Organic Chemistry Biochemistry, "Rudjer Boskovic" Institute, Zagreb, 41000, Croatia
SOURCE: Nucleosides & Nucleotides (1995), 14(3-5), 341-4
CODEN: NUNUD5; ISSN: 0732-8311
PUBLISHER: Dekker
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 5 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1976:90489 ZCAPLUS
DOCUMENT NUMBER: 84:90489
TITLE: Ultraviolet and circular dichroism spectra of 5'-(1-indolyl)- and 5'-(6-methylmercapto-9-purinyl)-5'-deoxynucleosides
AUTHOR(S): Utkina, E. A.; Mel'nik, S. Ya.; Preobrazhenskaya, M. N.; Suvorov, N. N.
CORPORATE SOURCE: Inst. Exp. Clin. Oncol., Moscow, USSR
SOURCE: Bioorganicheskaya Khimiya (1975), 1(10), 1423-9
CODEN: BIKHD7; ISSN: 0132-3423
DOCUMENT TYPE: Journal
LANGUAGE: Russian

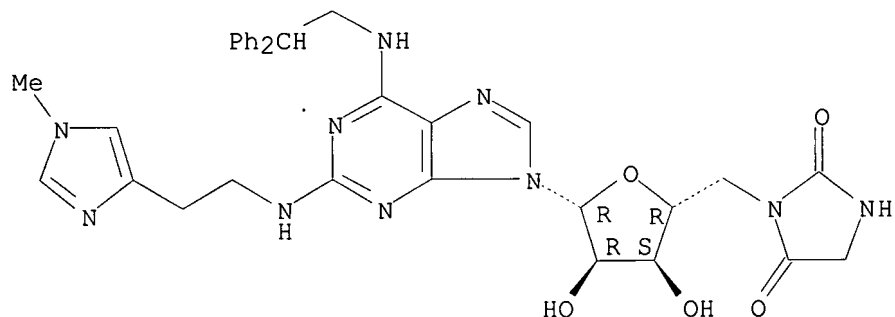
L15 ANSWER 6 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1975:443661 ZCAPLUS
DOCUMENT NUMBER: 83:43661
TITLE: Synthesis of 5'-(1-indolyl)- and 5'-(6-methylmercapto-9-purinyl)-5'-deoxyadenosines
AUTHOR(S): Utkina, E. A.; Mel'nik, S. Ya.; Preobrazhenskaya, M. N.; Suvorov, N. N.
CORPORATE SOURCE: Inst. Eksp. Klin. Onkol., Moscow, USSR
SOURCE: Zhurnal Organicheskoi Khimii (1975), 11(4), 910-11
CODEN: ZORKAE; ISSN: 0514-7492
DOCUMENT TYPE: Journal
LANGUAGE: Russian

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L15 ANSWER 3 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:819392 ZCAPLUS
DOCUMENT NUMBER: 132:50211
TITLE: Preparation of 2-(purin-9-yl)-tetrahydrofuran-3,4-diol nucleosides as antiinflammatory agents
INVENTOR(S): Allen, David George; Chan, Chuen; Cook, Caroline Mary; Cousins, Richard Peter Charles; Cox, Brian; Dyke, Hazel Joan; Ellis, Frank; Geden, Joanna Victoria; Hobbs, Heather; Kelling, Suzanne Elaine; Redgrave, Alison Judith; Swanson, Stephen; Whitworth, Caroline; Bays, David
PATENT ASSIGNEE(S): Glaxo Group Limited, UK; et al.
SOURCE: PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9967266	A1	19991229	WO 1999-EP4270	19990623
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9946138	A	20000110	AU 1999-46138	19990623
EP 1090021	A1	20010411	EP 1999-929288	19990623
EP 1090021	B1	20030910		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002518513	T	20020625	JP 2000-555917	19990623
AT 249473	T	20030915	AT 1999-929288	19990623
US 6534486	B1	20030318	US 2001-720193	20010228
PRIORITY APPLN. INFO.:			GB 1998-13535	A 19980623
			WO 1999-EP4270	W 19990623
OTHER SOURCE(S): MARPAT 132:50211				
IT 252721-84-9P 252721-85-0P				
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)				
(preparation of 2-(purin-9-yl)-tetrahydrofuran-3,4-diol nucleosides as antiinflammatory agents)				
RN 252721-84-9 ZCAPLUS				
CN Adenosine, 5'-deoxy-5'-(2,5-dioxo-1-imidazolidinyl)-N-(2,2-diphenylethyl)-2-[[2-(1-methyl-1H-imidazol-4-yl)ethyl]amino]- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



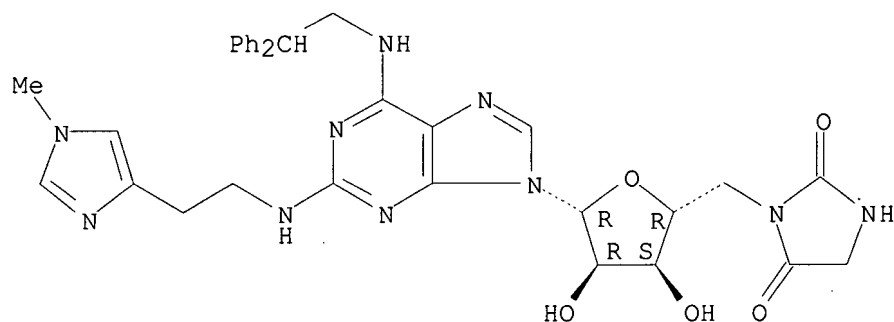
RN 252721-85-0 ZCAPLUS
 CN Adenosine, 5'-deoxy-5'-(2,5-dioxo-1-imidazolidinyl)-N-(2,2-diphenylethyl)-2-[[2-(1-methyl-1H-imidazol-4-yl)ethyl]amino]-, diformate (salt) (9CI)
 (CA INDEX NAME)

CM 1

CRN 252721-84-9
 CMF C33 H36 N10 O5

Absolute stereochemistry.

Application No: 10/526,388



CM 2

CRN 64-18-6

CMF C H2 O2

O=CH-OH

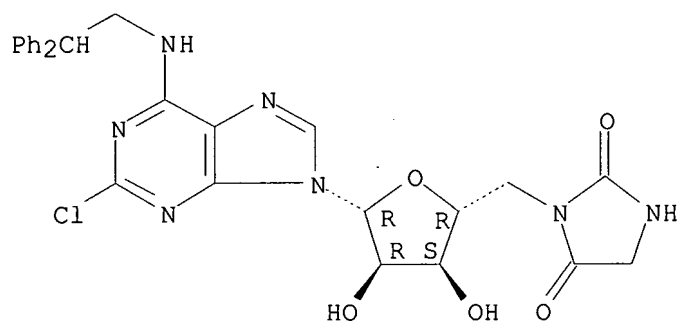
IT 252721-75-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 2-(purin-9-yl)-tetrahydrofuran-3,4-diol nucleosides as antiinflammatory agents)

RN 252721-75-8 ZCAPLUS

CN Adenosine, 2-chloro-5'-deoxy-5'-(2,5-dioxo-1-imidazolidinyl)-N-(2,2-diphenylethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 4 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:630988 ZCAPLUS

DOCUMENT NUMBER: 123:257204

TITLE: Synthesis of "reversed" and "double headed" nucleosides

AUTHOR(S): Kasnar, B.

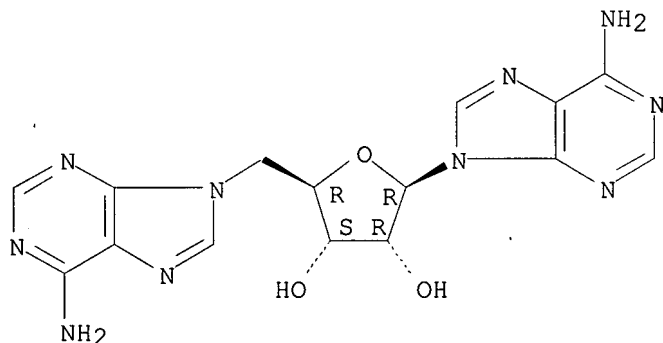
CORPORATE SOURCE: Department Organic Chemistry Biochemistry, "Rudjer Boskovic" Institute, Zagreb, 41000, Croatia

SOURCE: Nucleosides & Nucleotides (1995), 14(3-5), 341-4

Application No: 10/526,388

CODEN: NUNUD5; ISSN: 0732-8311
PUBLISHER: Dekker
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 168696-16-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(synthesis of reversed and double headed nucleosides)
RN 168696-16-0 ZCAPLUS
CN Adenosine, 5'-(6-amino-9H-purin-9-yl)-5'-deoxy- (9CI) (CA INDEX NAME)

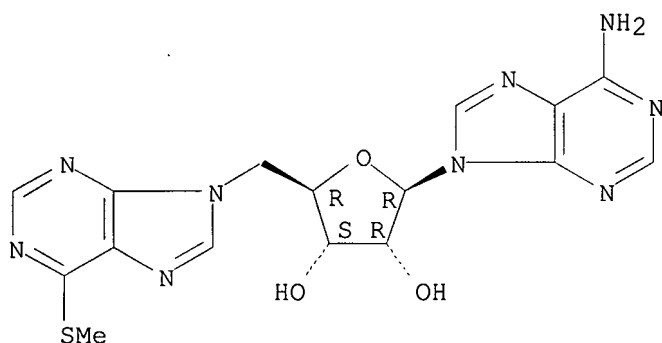
Absolute stereochemistry.



L15 ANSWER 5 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1976:90489 ZCAPLUS
DOCUMENT NUMBER: 84:90489
TITLE: Ultraviolet and circular dichroism spectra of
5'-(1-indolyl)- and 5'-(6-methylmercapto-9-purinyl)-5'-
deoxynucleosides
AUTHOR(S): Utkina, E. A.; Mel'nik, S. Ya.; Preobrazhenskaya, M.
N.; Suvorov, N. N.
CORPORATE SOURCE: Inst. Exp. Clin. Oncol., Moscow, USSR
SOURCE: Bioorganicheskaya Khimiya (1975), 1(10), 1423-9
CODEN: BIKHD7; ISSN: 0132-3423
DOCUMENT TYPE: Journal
LANGUAGE: Russian
IT 56119-26-7
RL: PRP (Properties)
(uv and circular dichroism spectra of)
RN 56119-26-7 ZCAPLUS
CN Adenosine, 5'-deoxy-5'-[6-(methylthio)-9H-purin-9-yl]- (9CI) (CA INDEX
NAME)

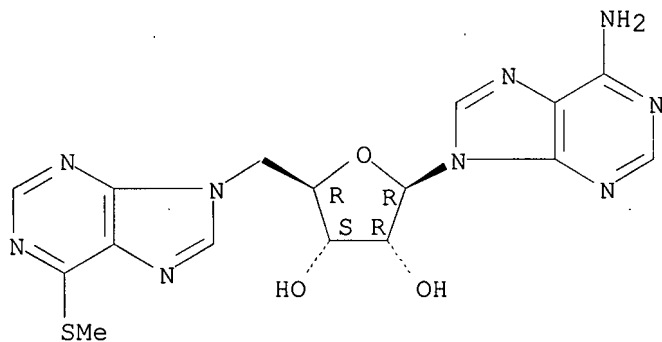
Absolute stereochemistry.

Application No: 10/526,388



L15 ANSWER 6 OF 6 ZCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1975:443661 ZCAPLUS
DOCUMENT NUMBER: 83:43661
TITLE: Synthesis of 5'-(1-indolyl)- and 5'-(6-methylmercapto-9-purinyl)-5'-deoxyadenosines
AUTHOR(S): Utkina, E. A.; Mel'nik, S. Ya.; Preobrazhenskaya, M. N.; Suvorov, N. N.
CORPORATE SOURCE: Inst. Eksp. Klin. Onkol., Moscow, USSR
SOURCE: Zhurnal Organicheskoi Khimii (1975), 11(4), 910-11
CODEN: ZORKAE; ISSN: 0514-7492
DOCUMENT TYPE: Journal
LANGUAGE: Russian
IT 56119-26-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 56119-26-7 ZCAPLUS
CN Adenosine, 5'-deoxy-5'-[6-(methylthio)-9H-purin-9-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> file reg

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE

ENTRY

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TOTAL

SESSION

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FILE 'REGISTRY' ENTERED AT 12:23:14 ON 22 MAY 2007
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Searched by: Andrew Freistein

06/07/2007 Page 20

Application No: 10/526,388

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STRUCTURE FILE UPDATES: 21 MAY 2007 HIGHEST RN 935505-97-8
DICTIONARY FILE UPDATES: 21 MAY 2007 HIGHEST RN 935505-97-8

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predicted properties as well as tags indicating availability of
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on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\Stnexp\Queries\10526388\a5.str



Application No: 10/526,388

chain nodes :

6 7 13 19 20 21 28

ring nodes :

1 2 3 4 5 8 9 10 11 12 14 15 16 17 18 22 23 24 25 26

chain bonds :

2-8 3-7 4-6 5-28 13-14 19-20 20-21 21-22

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-12 9-10 10-11 11-12 14-15 14-18 15-16 16-17

17-18 22-23 22-26 23-24 24-25 25-26

exact/norm bonds :

1-2 1-5 2-3 2-8 3-4 3-7 4-5 4-6 5-28 8-9 8-12 9-10 10-11 11-12 13-14

14-15 14-18 15-16 16-17 17-18 19-20 20-21 22-23 22-26 23-24 24-25 25-26

exact bonds :

21-22

G1:[*1],[*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom

11:Atom 12:Atom 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS

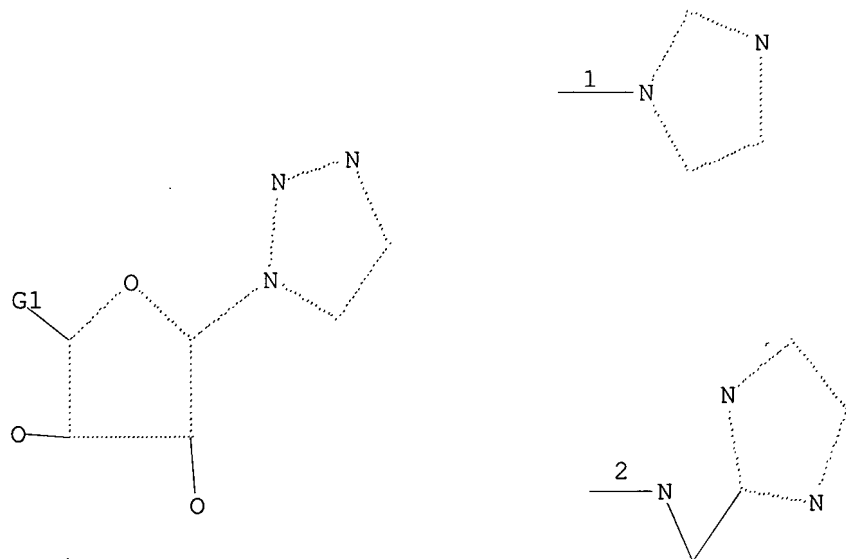
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L16 STRUCTURE UPLOADED

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L16 HAS NO ANSWERS

L16 STR



G1 [@1],[@2]

Structure attributes must be viewed using STN Express query preparation.

Application No: 10/526,388

=> s l16

SAMPLE SEARCH INITIATED 12:23:57 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS

8 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 9 TO 360

PROJECTED ANSWERS: 8 TO 329

L17 8 SEA SSS SAM L16

=> s l16 full

FULL SEARCH INITIATED 12:24:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 188 TO ITERATE

100.0% PROCESSED 188 ITERATIONS

179 ANSWERS

SEARCH TIME: 00.00.01

L18 179 SEA SSS FUL L16

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Executing the logoff script...

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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887.02

STN INTERNATIONAL LOGOFF AT 12:24:35 ON 22 MAY 2007